	FIRE SERVICE, 43.0200.00	
STANDARD 1.0 – ANALYZE THE ROLE AND ORGANIZATION OF FIRE SERVICE		
1.1	Explain fire service history	
1.2	Explain fire service culture	
1.3	Describe the fire service mission and organization	
1.4	Identify career tracks within fire service	
1.5	Diagram a fire department organizational chart	
1.6	Describe fire department standard operating procedures and policies	
1.7	Explain the fire agency's interactions with other agencies in the community	
STANDARD 2.0 – KNOW AND COMPLY WITH FIRE SERVICE SAFETY POLICIES AND PROCEDURES		
2.1	Examine annual firefighter injuries and fatalities	
2.2	Identify safety standards related to fire service, such as NFPA 1500 and OSHA	
2.3	Know the fire department risk management model	
2.4	Explain appropriate safety precautions in fire stations and facilities	
2.5	Practice personal safety in learning and training	
2.6	Describe basic principles of Crew Resource Management (CRM) and the Error-chain	
STANE	OARD 3.0 – EXAMINE RESPONSIBILITY FOR PERSONAL WELLNESS	
3.1	Analyze sources of stress and stress management in fire service	
3.2	Develop skills for dealing with crisis in fire service	
3.3	Describe fire service health and wellness programs and Employee Assistance Programs (EAP)	
3.4	Apply nutrition principles to wellness	
3.5	Evaluate risk-taking behaviors in the fire service	
STANE	OARD 4.0 – EXHIBIT PHYSICAL FITNESS	
4.1	Develop a plan for personal fitness	

4.2	Perform warm-up and flexibility exercises	
4.3	Perform cardiovascular exercises	
4.4	Perform functional training exercises related to firefighting	
4.5	Perform basic core strengthening techniques	
4.6	Know the components that make up common physical fitness exams in fire service	
4.7	Perform a physical ability assessment or related assessment	
STANI	STANDARD 5.0 – EXPLAIN FIRE BEHAVIOR	
5.1	Describe the fire triangle and fire tetrahedron	
5.2	Describe transmission of heat	
5.3	Explain various states of "fuel"	
5.4	Outline the classifications of fire—A,B,C,D,K	
5.5	Explain the phases of fire growth	
5.6	Describe factors that affect fire development	
5.7	Describe fire control theory	
	DARD 6.0 – DEMONSTRATE THE PROPER USE AND MAINTENANCE OF FIREFIGHTING PERSONAL ECTIVE EQUIPMENT (PPE)	
6.1	Identify various protective equipment that comprises the firefighter's ensemble	
6.2	Demonstrate the care of personal protective equipment	
6.3	Demonstrate donning and doffing of PPE within one minute	
6.4	Identify the components of a self-contained breathing apparatus (SCBA)	
6.5	Describe respiratory hazards and when an SCBA shall be "used"	
6.6	Practice donning and doffing SCBA	
6.7	Explain principles of Air Management consistent with NFPA 1404	
6.8	Demonstrate replacement of SCBA air cylinders	
STANDARD 7.0 – DEMONSTRATE THE USE OF PORTABLE FIRE EXTINGUISHERS		
7.1	List the types of portable fire extinguishers	

7.2	Recall fire classifications A,B,C,D,K	
7.3	Describe fire extinguisher rating systems	
7.4	Use a portable fire extinguisher safely, PASS method of application	
7.5	Explain how to inspect a portable fire extinguisher	
STANI	STANDARD 8.0 – ANALYZE FIRE DETECTION, ALARM, AND SUPPRESSION SYSTEMS	
8.1	Describe types of alarm systems	
8.2	Describe automatic sprinkler systems	
8.3	Explain sprinkler system fundamentals	
8.4	Discuss applications of sprinkler systems	
8.5	Research careers in fire detection, alarm, and suppression	
STANDARD 9.0 – CONDUCT A CAREER SURVEY OF FIRE SERVICE		
9.1	Examine trends in fire service occupations through the labor market research	
9.2	Identify several careers that support firefighters and public safety	
9.3	Examine personal aptitudes and interests for a fire service/public safety career	
9.4	Examine the role of education in fire service career preparations	
9.5	Research various employments opportunities in the fire service	
STANI	DARD 10.0 – EXPLAIN AND DESCRIBE PRINCIPLES OF WATER SUPPLY	
10.1	Describe sources of water supply	
10.2	Explain different means of moving water	
10.3	Examine personal aptitudes and interests for a fire service/public safety career	
10.4	Identify different types of fire hydrants, markings, locations, inspection, and maintenance	
10.5	Discuss alternative and rural water supplies	
STANI	DARD 11.0 – DEMONSTRATE THE SELECTION, USE, AND CARE OF FIRE HOSE	
11.1	Identify various fire hose sizes and applications	
11.2	Describe fire hose damage and general care	
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11.3	Identify types of fire hose couplings (male, female) and care of couplings	
11.4	Describe various hose appliances and hose tools	
11.5	Demonstrate a straight roll, donut roll, twin donut roll, and self-locking twin donut roll	
11.6	Recognize an accordion, horseshoe, and flat hose load	
11.7	Recognize a preconnected attack line flat load and a triple layer load	
STANI	STANDARD 12.0 – DESCRIBE AND DEMONSTRATE FIRE STREAMS	
12.1	Explain extinguishing properties of water, steam conversion, and friction loss	
12.2	Demonstrate advancing a hose line in various scenarios	
12.3	Demonstrate one and two firefighter operation of hose lines for small and large diameter	
12.4	Identify principles of fire streams	
12.5	Identify types, design, operation, nozzle pressure effects, and flow capabilities of nozzles	
12.6	Demonstrate opening, closing, and adjusting nozzle flow and patterns	
12.7	Describe indirect, combination, and direct fire attack with fire streams	
STANI	STANDARD 13.0 – CHARACTERIZE FIRE CONTROL METHODS FOR VARIOUS CLASSES OF FIRE	
13.1	Describe methods of suppressing structure fires	
13.2	Explain master stream devices and water flows through "big" lines	
13.3	Describe suppressing Class B, Class C, and Class D fires	
13.4	Recall fire department risk management model	
13.5	Explain tactical priorities in order	
13.6	Describe engine, ladder, and rescue company functions on fires	
STANI	DARD 14.0 – ASSESS BUILDING CONSTRUCTION AND FIRE GROUND APPROACH	
14.1	Define and know construction terminology	
14.2	Identify common building materials	
14.3	Describe principles of building construction and types of construction	
14.4	Contrast strengths and weaknesses of different types of construction	

14.5	Identify dangerous building conditions that can lead to firefighter injury and fatality	
14.6	Research a firefighter fatality (NIOSH) report where building construction was a factor	
STANI	STANDARD 15.0 – ANALYZE FIRE GROUND TACTICS AND STRATEGY	
15.1	Recall the risk management model	
15.2	Recall tactical priorities in order	
15.3	Explain the three fire ground strategies	
15.4	Discuss IRIC, RIC, and On-Deck and related OSHA requirements	
15.5	Discuss rescue profiles	
15.6	Explain deployment of engines, ladders, and rescues on a fire ground	
15.7	Complete NIMS IC-100, 200, and 700.A	
STANDARD 16.0 – DEMONSTRATE FIRE GROUND SEARCH AND RESCUE (NONFIRE ENVIRONMENT)		
16.1	Explain fire ground search safety guidelines	
16.2	Explain fire ground search safety guidelines	
16.3	Explain procedures for conducting a search in a multistory building	
16.4	Demonstrate several methods of victim removal	
16.5	Discuss search and rescue marking systems	
16.6	Analyze rapid intervention crews and removal of downed firefighters	
STANI	DARD 17.0 – DESCRIBE FIRE DEPARTMENT COMMUNICATIONS	
17.1	Explain the role of the fire department dispatcher	
17.2	Research job responsibilities and career opportunities in public safety dispatch	
17.3	Know fire department orderm	
17.4	Demonstrate proper radio procedures in receiving and transmitting radio messages	
17.5	Demonstrate the ability to operate fire department communications equipment	
17.6	Demonstrate writing fire department reports	
STANDARD 18.0 – DISCUSS VEHICLE EXTRICATION AND RESCUE EXTRICATION TOOLS AND EQUIPMENT		

18.1	Describe emergency power and lighting equipment	
18.2	Discuss hydraulic and nonhydraulic extrication tools	
18.3	Discuss cribbing for extrication	
18.4	Describe various pneumatic tools	
18.5	Describe scene size-up, stabilizing a vehicle, and gaining access to victims	
18.6	Explain disentanglement and patient management	
STANE	STANDARD 19.0 – DESCRIBE VENTILATION ON THE FIRE GROUND	
19.1	Describe the reasons for fire ground ventilation	
19.2	List considerations affecting the decisions to ventilate	
19.3	Explain vertical ventilation	
19.4	Explain horizontal ventilation	
19.5	Explain forced ventilation	
19.6	Examine the effects of building systems on fires	
STANE	STANDARD 20.0 – DEMONSTRATE PROPER USE OF GROUND LADDERS	
20.1	Define the basic parts of a ladder	
20.2	Demonstrate ladder inspection and maintenance	
20.3	Demonstrate one and two firefighter ladder carries	
20.4	Demonstrate ground ladder positioning	
20.5	Demonstrate procedures for raising and climbing ladders	
20.6	Demonstrate one and two firefighter ladder raises	
20.7	Demonstrate procedures for moving ground ladders	
STANE	STANDARD 21.0 – APPLY APPROPRIATE FORCIBLE ENTRY TECHNIQUES	
21.1	Identify various forcible entry tools	
21.2	Describe the use of various forcible entry tools	
21.3	Describe door size up and construction features	

21.4	Explain locks and locking devices	
21.5	Describe (or demonstrate) conventional forcible entry through doors	
21.6	Describe (or demonstrate) forcing windows	
21.7	Describe (or demonstrate) breaching walls	
STANI	DARD 22.0 – DEMONSTRATE PRINCIPLES OF LOSS CONTROL (SALVAGE)	
22.1	Identify salvage covers and equipment	
22.2	Demonstrate care and maintenance of salvage covers	
22.3	Demonstrate folding, rolling, and spreading salvage covers with one and two firefighters	
22.4	Describe fire safety during overhaul	
22.5	Describe locating hidden fires and overhaul procedures	
STANI	STANDARD 23.0 – DESCRIBE ROLES AND RESPONSIBILITIES OF PROTECTING THE FIRE SCENE	
23.1	Describe observations to look for enroute and on scene of a fire	
23.2	Describe conduct during firefighting to protect the evidence	
23.3	Describe responsibilities after the fire in protecting evidence and securing the scene	
23.4	Research career pathways to become an arson investigator with fire or law enforcement	
23.5	Explain the use of canines in the use of arson investigation	
STANI	DARD 24.0 – EXPLAIN FIRE PREVENTION AND PUBLIC EDUCATION IN FIRE SERVICE	
24.1	Explain the role of a fire department public education specialist and public information officer	
24.2	Explain the role of a fire inspector	
24.3	Research job responsibilities and career opportunities in public education and fire inspection	
24.4	Describe the importance of prevention in mitigating emergencies	
STANI	DARD 25.0 – REVIEW BASIC PRINCIPLES OF HAZARDOUS MATERIALS OPERATIONS	
25.1	Complete a Hazardous Materials First Responder course meeting requirements of NFPA 472	
	STANDARD 26.0 – DESCRIBE BASIC EMERGENCY MEDICAL CARE FOR FIREFIGHTERS/FIRST RESPONDERS	
26.1	Demonstrate proper use of body substance isolation (BSI) and use of PPE	

26.2	Describe scene safety at emergency medical incidents
26.3	Describe common infectious diseases
26.4	Describe various body systems—muscular, nervous, cardiovascular, respiratory, and digestive
26.5	Complete a basic Cardiopulmonary Resuscitation (CPR) course through AHA or equivalent
26.6	Complete basic First Aid course through Red Cross or equivalent
STANDARD 27.0 – DEMONSTRATE BASIC PRINCIPLES OF WILDLAND FIREFIGHTING	
27.1	Complete Wildland S130/190 course or equivalent
STANDARD 28.0 – DEMONSTRATE SELECTION AND USE OF ROPES AND KNOTS	
28.1	Describe types of ropes and their uses
28.2	Describe types of rope construction
28.3	Demonstrate rope care, cleaning, and maintenance
28.4	Describe the elements of a knot
28.5	Demonstrate tying overhand, bowline, hitches, and figure-eight family of knots
28.6	Demonstrate hoisting tools and equipment
STANI	DARD 29.0 – DESCRIBE ELEMENTS AND SUPPORT OF TECHNICAL RESCUE TEAMS
29.1	Explain the various disciplines that comprise technical rescue in fire service
29.2	Research careers in search and rescue disciplines, including canine handling
29.3	Evaluate film and video of technical rescues
29.4	Explain the importance of air management in technical rescue